

Species Tag:	60005	Species Name:	NaCl-37
Version:	1		Sodium chloride,
Date:	Feb. 1995		³⁷ Cl isotope
Contributor:	M. L. Delitsky		
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Lines Listed:	99	Q(300.0)=	983.7530
Freq. (GHz) <	1227.19	Q(225.0)=	737.4152
Max. J:	98	Q(150.0)=	491.3806
LOGSTR0=	-10.0	Q(75.00)=	245.6872
LOGSTR1=	-100.0	Q(37.50)=	122.9683
Isotope Corr.:	-0.611	Q(18.75)=	61.6411
Egy. (cm ⁻¹) >	0	Q(9.375)=	30.9862
μ_a =	9.000	A=	
μ_b =		B=	6373.748
μ_c =		C=	

The observed laboratory frequency measurements were taken from P. L. Clouser and W. Gordy, 1964, Phys. Rev. **134**, A863.

The dipole moment is taken from K. H. Hellwege, Ed., 1974, Landolt-Börnstein, Numerical Data and Functional Relationships in Science and Technology, Group II., Vol. 6, Molecular Constants, Springer-Verlag, Heidelberg.

This calculation does not include the hyperfine splittings for the chlorine and sodium atoms.